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| INFORMATION DISCLOSURE CITATION IN AN APPLICATION Form PTO-1449 | Docket Number | Application Number |
| | 23453-003 | 09/321,738 |
| | Applicant(s) | |
| | Lee C. HAROLD <i>et al.</i> | |
| | Filing Date | Group Art Unit |
| | May 28, 1999 | 2176 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|----------|-----------------------|-------|----------|----------------------------------|
| LT | 1A | 4,156,868 | 05/29/79 | Levinson | | | |
| LT | 1B | 4,554,418 | 11/01/85 | Toy | | | |
| LT | 1C | 4,757,525 | 07/12/88 | Matthews et al. | | | |
| LT | 1D | 4,788,643 | 11/29/88 | Trippe et al. | | | |
| LT | 1E | 4,811,379 | 03/07/89 | Grandfield | | | |
| LT | 1F | 4,812,843 | 03/14/89 | Champion, III et al. | | | |
| LT | 1G | 4,837,798 | 06/06/89 | Cohen et al. | | | |
| LT | 1H | 4,868,866 | 09/19/89 | Williams, Jr. | | | |
| LT | 1I | 4,941,168 | 07/10/90 | Kelly, Jr. | | | |
| LT | 1J | 4,942,616 | 07/17/90 | Linstroth et al. | | | |
| LT | 1K | 4,953,085 | 08/28/90 | Atkins | | | |
| LT | 1L | 4,972,504 | 11/20/90 | Daniel, Jr. et al. | | | |
| LT | 1M | 4,989,141 | 01/29/91 | Lyons et al. | | | |
| LT | 1N | 5,021,953 | 06/04/91 | Webber et al. | | | |
| LT | 1O | 5,101,352 | 03/31/92 | Rembert | | | |
| LT | 1P | 5,128,861 | 07/07/92 | Kagami et al. | | | |
| LT | 1Q | 5,168,445 | 12/01/92 | Kawashima et al. | | | |
| LT | 1R | 5,187,735 | 02/16/93 | Herrero Garcia et al. | | | |
| LT | 1S | 5,189,608 | 02/23/93 | Lyons et al. | | | |
| LT | 1T | 5,204,821 | 04/20/93 | Inui et al. | | | |
| LT | 1U | 5,214,689 | 05/25/93 | O'Sullivan | | | |
| LT | 1V | 5,235,680 | 08/10/93 | Bijnagate | | | |
| LT | 1W | 5,237,499 | 08/17/93 | Garback | | | |

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FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations | |
|----|-----|--------------|----------|---------|-------|----------|--------------|----|
| | | | | | | | YES | NO |
| LT | 1X | 0878948 | 11/18/98 | Europe | | | | |
| LT | 1Y | 0889627 | 01/07/99 | Europe | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|-----|---|
| LT | 1Z | Relational OLAP Server, MicroStrategy; DSS Server Brochure, 1996. |
| LT | 1AA | "Andyne Introduces Greater Flexibility for Database Queries; New Query Management Option Provides Enhanced Management for Enterprise-Wide Queries," <u>Business Wire</u> , January 3, 1996. Available from the Dow Jones Interactive Web Site http://Ptg.djnr.com . |
| LT | 1BB | CATALANO, Carla, "OLAP, Scheduling, Tuning for DBMSs," <u>Computer World</u> , April 1, 1996. Available in DOW JONES INTERACTIVE, http://www.dowjonesinteractive.com . |
| LT | 1CC | Andyne's Intranet Strategy Brings DSS to the Web; Company Aims to Dramatically Broaden Scope of Reporting, Online Analysis," <u>PR Newswire</u> , September 18, 1996. Available from the Dow Jones Interactive Web Site http://Ptg.djnr.com . |
| LT | 1DD | SACHS et al., "A First Step on the Path to Automated Flight Reservations," <u>Interactive Voice Technology for Telecommunications</u> , 1996. |

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|---|-----------------|
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|----------------------|-----|--------------|----------|-----------------------|-------|----------|----------------------------------|
| <i>LL</i> | 2A | 5,270,922 | 12/14/93 | Higgins | | | |
| <i>LL</i> | 2B | 5,371,787 | 12/06/94 | Hamilton | | | |
| <i>LL</i> | 2C | 5,404,400 | 04/04/95 | Hamilton | | | |
| <i>LL</i> | 2D | 5,406,626 | 04/11/95 | Ryan | | | |
| <i>LL</i> | 2E | 5,444,768 | 08/22/95 | Lemaire et al. | | | |
| <i>LL</i> | 2F | 5,479,491 | 12/26/95 | Herrero Garcia et al. | | | |
| <i>LL</i> | 2G | 5,500,793 | 03/19/96 | Deming, Jr et al. | | | |
| <i>LL</i> | 2H | 5,502,637 | 03/26/96 | Beaulieu et al. | | | |
| <i>LL</i> | 2I | 5,524,051 | 06/04/96 | Ryan | | | |
| <i>LL</i> | 2J | 5,555,403 | 09/10/96 | Cambot et al. | | | |
| <i>LL</i> | 2K | 5,572,643 | 11/05/96 | Judson | | | |
| <i>LL</i> | 2L | 5,576,951 | 11/19/96 | Lockwood | | | |
| <i>LL</i> | 2M | 5,577,165 | 11/19/96 | Takebayashi et al. | | | |
| <i>LL</i> | 2N | 5,590,181 | 12/31/96 | Hogan et al. | | | |
| <i>LL</i> | 2O | 5,604,528 | 02/18/97 | Edwards et al. | | | |
| <i>LL</i> | 2P | 5,630,060 | 05/13/97 | Tang et al. | | | |
| <i>LL</i> | 2Q | 5,638,424 | 06/10/97 | Denio et al. | | | |
| <i>LL</i> | 2R | 5,638,425 | 06/10/97 | Meador, III et al. | | | |
| <i>LL</i> | 2S | 5,664,115 | 09/02/97 | Fraser | | | |
| <i>LL</i> | 2T | 5,689,650 | 11/18/97 | McClelland et al. | | | |
| <i>LL</i> | 2U | 5,692,181 | 11/25/97 | Anand et al. | | | |
| <i>LL</i> | 2V | 5,701,451 | 12/23/97 | Rogers et al. | | | |
| <i>LL</i> | 2W | 5,706,442 | 01/06/98 | Anderson et al. | | | |

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Technology Center 2100

FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations YES NO |
|-----|--------------|------|---------|-------|----------|------------------------|
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|--|
| <i>LL</i> | 2X | BENNACEF et al., "Dialog in the RAILTEL Telephone-Based System," Spoken Language, 1996 |
| <i>LL</i> | 2Y | BROOKS, Peter, "Targeting Customer," DBMS, v9, n13, December 1996, pages 54-58. |
| <i>LL</i> | 2Z | "Sterling Software Announces Alliance with Thinking Machines," Business Wire, December 16, 1996. Available from the Dow Jones Interactive Web Site http://Ptg.djnr.com . |
| <i>LL</i> | 2AA | GUPTA et al., "Index Selection for OLAP," Proceedings of the 13 th International Conference on Data Engineering, © 1997 |
| <i>LL</i> | 2BB | HO et al., "Partial-Sum Queries in OLAP Data Cubes Using Covering Codes," PODS'97 Tucson, AZ USA |
| <i>LL</i> | 2CC | KILMARTIN et al., "Real Time Stock Price Distribution Utilising the GSM Short Messaging Service," 1997 IEEE International Conference on Personal Wireless, 1997, Abstract. |

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|---|-----------------|
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| <i>[Signature]</i> | 7/31/03 |
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| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|----------|-------------------|-------|----------|----------------------------------|
| <i>RL</i> | 3A | 5,710,889 | 01/20/98 | Clark et al. | | | |
| <i>RL</i> | 3B | 5,712,901 | 01/27/98 | Meermans | | | |
| <i>RL</i> | 3C | 5,715,370 | 02/03/98 | Luther et al. | | | |
| <i>RL</i> | 3D | 5,717,923 | 02/10/98 | Dedrick | | | |
| <i>RL</i> | 3E | 5,721,827 | 02/24/98 | Logan et al. | | | |
| <i>RL</i> | 3F | 5,724,410 | 03/03/98 | Parvulescu et al. | | | |
| <i>RL</i> | 3G | 5,724,525 | 03/03/98 | Beyers, II et al. | | | |
| <i>RL</i> | 3H | 5,732,216 | 03/24/98 | Logan et al. | | | |
| <i>RL</i> | 3I | 5,732,398 | 03/24/98 | Tagawa | | | |
| <i>RL</i> | 3J | 5,737,393 | 04/07/98 | Wolf | | | |
| <i>RL</i> | 3K | 5,740,429 | 04/14/98 | Wang et al. | | | |
| <i>RL</i> | 3L | 5,740,829 | 04/21/98 | Jacobs et al. | | | |
| <i>RL</i> | 3M | 5,742,775 | 04/21/98 | King | | | |
| <i>RL</i> | 3N | 5,751,790 | 05/12/98 | Makihata | | | |
| <i>RL</i> | 3O | 5,751,806 | 05/12/98 | Ryan | | | |
| <i>RL</i> | 3P | 5,754,939 | 05/19/98 | Herz et al. | | | |
| <i>RL</i> | 3Q | 5,757,644 | 05/26/98 | Jorgensen et al. | | | |
| <i>RL</i> | 3R | 5,758,088 | 05/26/98 | Bezaire et al. | | | |
| <i>RL</i> | 3S | 5,758,351 | 05/26/98 | Gibson et al. | | | |
| <i>RL</i> | 3T | 5,761,432 | 06/02/98 | Bergholm et al. | | | |
| <i>RL</i> | 3U | 5,764,736 | 06/09/98 | Shachar et al. | | | |
| <i>RL</i> | 3V | 5,765,028 | 06/09/98 | Gladden | | | |
| <i>RL</i> | 3W | 5,771,172 | 06/23/98 | Yamamoto et al. | | | |

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FOREIGN PATENT DOCUMENTS

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|-----|--------------|------|---------|-------|----------|------------------------|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|--|
| <i>RL</i> | 3X | Data Warehousing: Data Access and Delivery, Infobase Technology Database, 1997, http://www.dbaint.com/oldinfobase/dwaccdel.html . |
| <i>RL</i> | 3Y | GARDNER, Dana Marie, "Cashing in With Data Warehouses and the Web," <u>Data Based Advisor</u> , v15, n2, February 1997, pages 60-63. |
| <i>RL</i> | 3Z | Intrepid Systems Announces General Availability of DecisionMaster 4.1; Retailing's Premier Decision Support Software Enhancements Automate Information Delivery," <u>Business Wire</u> , May 27, 1997. Available in DOW JONES INTERACTIVE, http://www.dowjonesinteractive.com . |
| <i>RL</i> | 3AA | Blue Isle Software InTouch/2000 Product Overview, Blue Isle Software, Inc. (archived July 7, 1997), http://www.blueisle.com . Available in Internet Archive Waybackmachine http://www.archive.org . |

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|----------|------------------------|-------|----------|----------------------------------|
| <i>LT</i> | 4A | 5,771,276 | 06/23/98 | Wolf | | | |
| <i>LT</i> | 4B | 5,781,735 | 07/14/98 | Southard | | | |
| <i>LT</i> | 4C | 5,781,886 | 07/14/98 | Tsujiuchi | | | |
| <i>LT</i> | 4D | 5,787,151 | 07/28/98 | Nakatsu <i>et al.</i> | | | |
| <i>LT</i> | 4E | 5,787,278 | 07/28/98 | Barton <i>et al.</i> | | | |
| <i>LT</i> | 4F | 5,790,936 | 08/04/98 | Dinkins | | | |
| <i>LT</i> | 4G | SIR H1743 | 08/04/98 | Graves <i>et al.</i> | | | |
| <i>LT</i> | 4H | 5,793,980 | 08/11/98 | Glaser <i>et al.</i> | | | |
| <i>LT</i> | 4I | 5,794,246 | 08/11/98 | Sankaran <i>et al.</i> | | | |
| <i>LT</i> | 4J | 5,797,124 | 08/18/98 | Walsh <i>et al.</i> | | | |
| <i>LT</i> | 4K | 5,799,063 | 08/25/98 | Krane | | | |
| <i>LT</i> | 4L | 5,799,156 | 08/25/98 | Hogan <i>et al.</i> | | | |
| <i>LT</i> | 4M | 5,802,488 | 09/01/98 | Edatsune | | | |
| <i>LT</i> | 4N | 5,802,526 | 09/01/98 | Fawcett <i>et al.</i> | | | |
| <i>LT</i> | 4O | 5,806,050 | 09/08/98 | Shinn <i>et al.</i> | | | |
| <i>LT</i> | 4P | 5,809,415 | 09/15/98 | Rossmann | | | |
| <i>LT</i> | 4Q | 5,809,483 | 09/15/98 | Broka <i>et al.</i> | | | |
| <i>LT</i> | 4R | 5,819,220 | 10/06/98 | Sarukkai <i>et al.</i> | | | |
| <i>LT</i> | 4S | 5,825,856 | 10/20/98 | Porter <i>et al.</i> | | | |
| <i>LT</i> | 4T | 5,832,451 | 11/03/98 | Flake <i>et al.</i> | | | |
| <i>LT</i> | 4U | 5,838,252 | 11/17/98 | Kikinis | | | |
| <i>LT</i> | 4V | 5,838,768 | 11/17/98 | Sumar <i>et al.</i> | | | |
| <i>LT</i> | 4W | 5,848,397 | 12/08/98 | Marsh <i>et al.</i> | | | |

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FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations | |
|-----|--------------|------|---------|-------|----------|--------------|----|
| | | | | | | YES | NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | |
|-----------|-----|---|--|--|--|--|--|
| <i>LT</i> | 4X | "Blue Isle Software Teams with Arbor Software to Deliver Automated Systems Management Capabilities for Arbor Essbase," <u>Business Wire</u> , October 29, 1997. Available in LEXIS, Nexis Library, ALLNWS file. | | | | | |
| <i>LT</i> | 4Y | "Early Warning: Compulogic's Dynamic Query Messenger," <u>Software Futures</u> , November 1, 1997. Available in LEXIS, Nexis Library, ALLNWS file. | | | | | |
| <i>LT</i> | 4Z | KILMARTIN <i>et al.</i> , "Development of an Interactive Voice Response System for a GSM SMS Based Share Price Server," DSP '97 Conference Proceedings, December 1997, Abstract. | | | | | |
| <i>LT</i> | 4AA | AVNUR <i>et al.</i> , "CONTROL: Continuous Output and Navigation Technology with Refinement On-Line," © 1998 | | | | | |

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|----------------------|-----|--------------|----------|---------------------------|-------|----------|----------------------------------|
| <i>HL</i> | 5A | 5,850,433 | 12/15/98 | Rondeau | | | |
| <i>HL</i> | 5B | 5,852,811 | 12/22/98 | Atkins | | | |
| <i>HL</i> | 5C | 5,852,819 | 12/22/98 | Beller | | | |
| <i>HL</i> | 5D | 5,854,746 | 12/29/98 | Yamamoto <i>et al.</i> | | | |
| <i>HL</i> | 5E | 5,864,827 | 01/26/99 | Wilson | | | |
| <i>HL</i> | 5F | 5,864,828 | 01/26/99 | Atkins | | | |
| <i>HL</i> | 5G | 5,867,153 | 02/02/99 | Grandcolas <i>et al.</i> | | | |
| <i>HL</i> | 5H | 5,870,454 | 02/09/99 | Dahlen | | | |
| <i>HL</i> | 5I | 5,870,724 | 02/09/99 | Lawlor <i>et al.</i> | | | |
| <i>HL</i> | 5J | 5,870,746 | 02/09/99 | Knutson <i>et al.</i> | | | |
| <i>HL</i> | 5K | 5,872,926 | 02/16/99 | Levac <i>et al.</i> | | | |
| <i>HL</i> | 5L | 5,878,403 | 03/02/99 | DeFrancesco <i>et al.</i> | | | |
| <i>HL</i> | 5M | 5,884,262 | 03/16/99 | Wise <i>et al.</i> | | | |
| <i>HL</i> | 5N | 5,884,266 | 03/16/99 | Dvorak | | | |
| <i>HL</i> | 5O | 5,884,285 | 03/16/99 | Atkins | | | |
| <i>HL</i> | 5P | 5,884,312 | 03/16/99 | Dustan <i>et al.</i> | | | |
| <i>HL</i> | 5Q | 5,890,140 | 03/30/99 | Clark <i>et al.</i> | | | |
| <i>HL</i> | 5R | 5,893,905 | 04/13/99 | Main <i>et al.</i> | | | |
| <i>HL</i> | 5S | 5,907,598 | 05/25/99 | Mandalia <i>et al.</i> | | | |
| <i>HL</i> | 5T | 5,907,837 | 05/25/99 | Ferrel <i>et al.</i> | | | |
| <i>HL</i> | 5U | 5,911,135 | 06/08/99 | Atkins | | | |
| <i>HL</i> | 5V | 5,911,136 | 06/08/99 | Atkins | | | |
| <i>HL</i> | 5W | 5,913,202 | 06/15/99 | Motoyama | | | |

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| | | | | | | YES NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|---|
| <i>HL</i> | 5X | LIANG <i>et al.</i> , "Computing Multidimensional Aggregates in Parallel," 1998 International Conference on Parallel and Distributed Systems, IEEE |
| <i>HL</i> | 5Y | FRIEL <i>et al.</i> , "An Automated Stock Price Delivery System Based on the GSM Short Message Service, ICC'98 1998 IEEE International Conference on Communications, 1998, Abstract. |
| <i>HL</i> | 5Z | "Information Advantage Wins Product of the Year Award for Knowledge Management," Business Wire, March 4, 1998. Available in LEXIS, Nexis Library, ALLNWS file. |
| <i>HL</i> | 5AA | EMIGH, Jacqueline, "Information Builders, Inc. Launches WebFocus Suit," Newbytes, March 10, 1998. Available in Northern Light, http://www.northernlight.com , Doc. ID BS19980311010000172. |

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|----------------------|-----|--------------|----------|---------------------|-------|----------|----------------------------------|
| <i>KL</i> | 6A | 5,914,878 | 06/22/99 | Yamamoto et al. | | | |
| <i>KL</i> | 6B | 5,915,001 | 06/22/99 | Uppaluru | | | |
| <i>KL</i> | 6C | 5,915,238 | 06/22/99 | Tjaden | | | |
| <i>KL</i> | 6D | 5,918,217 | 06/29/99 | Maggioncalda et al. | | | |
| <i>KL</i> | 6E | 5,918,225 | 06/29/99 | White et al. | | | |
| <i>KL</i> | 6F | 5,918,232 | 06/29/99 | Pouschine et al. | | | |
| <i>KL</i> | 6G | 5,920,848 | 07/06/99 | Schutzer et al. | | | |
| <i>KL</i> | 6H | 5,923,736 | 07/13/99 | Shachar | | | |
| <i>KL</i> | 6I | 5,924,068 | 07/13/99 | Richard et al. | | | |
| <i>KL</i> | 6J | 5,926,789 | 07/20/99 | Barbara et al. | | | |
| <i>KL</i> | 6K | 5,931,900 | 08/03/99 | Notani et al. | | | |
| <i>KL</i> | 6L | 5,933,816 | 08/03/99 | Zeanah et al. | | | |
| <i>KL</i> | 6M | 5,940,818 | 08/17/99 | Malloy et al. | | | |
| <i>KL</i> | 6N | 5,943,399 | 08/24/99 | Bannister et al. | | | |
| <i>KL</i> | 6O | 5,943,410 | 08/24/99 | Shaffer et al. | | | |
| <i>KL</i> | 6P | 5,945,989 | 08/31/99 | Freishtat et al. | | | |
| <i>KL</i> | 6Q | 5,946,666 | 08/31/99 | Nevo et al. | | | |
| <i>KL</i> | 6R | 5,948,040 | 09/07/99 | DeLorme et al. | | | |
| <i>KL</i> | 6S | 5,950,165 | 09/07/99 | Shaffer et al. | | | |
| <i>KL</i> | 6T | 5,953,392 | 09/14/99 | Rhie et al. | | | |
| <i>KL</i> | 6U | 5,956,693 | 09/21/99 | Geerlings et al. | | | |
| <i>KL</i> | 6V | 5,960,437 | 09/28/99 | Krawchuk et al. | | | |
| <i>KL</i> | 6W | 5,963,641 | 10/05/99 | Crandall et al. | | | |

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NOV 26 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations | |
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| | | | | | | YES | NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|---|
| <i>KL</i> | 6X | MICROSTRATEGY: DSS Broadcaster - The Industry's First Information Broadcast Server, M2 Presswire, March 20, 1998. Available in DOW JONES INTERACTIVE http://www.djinteractive.com |
| <i>KL</i> | 6Y | MICROSTRATEGY: DSS Broadcaster - The Industry's First Information Broadcast Server, March 23, 1998. http://strategy.com/newsandevent/New/PressRelease/1998/broadcaster.htm . |
| <i>KL</i> | 6Z | "MSNBC on the Internet Launches New Traffic Section; MSNBC.com and Sidewalk.com Team with TrafficStation for Production of Comprehensive Site for Drivers," <i>Financial News</i> , Redmond, Wash., April 15, 1998. |
| <i>KL</i> | 6AA | "System for Telephone Access to Internet Applications - Uses Dial Tones and/or Voice with Interactive Voice Response Unit to Pass Request to Processor that Converts Requests to Communication Protocol Command Set," IBM, Patent No. RD 98412088. July 20, 1998, Abstract. |

| | |
|---|----------------------------|
| EXAMINER <i>Loch</i> | DATE CONSIDERED 7/31/03 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

| | | |
|---|-----------------------------|--------------------|
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION Form PTO-1449 | Docket Number | Application Number |
| | 23453-003 | 09/321,738 |
| | Applicant(s) | |
| | Lee C. HAROLD <i>et al.</i> | |
| | Filing Date | Group Art Unit |
| | May 28, 1999 | 2176 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|----------|------------------|-------|----------|----------------------------------|
| <i>LL</i> | 7A | 5,970,122 | 10/19/99 | LaPorta et al. | | | |
| <i>LL</i> | 7B | 5,970,124 | 10/19/99 | Csaszar et al. | | | |
| <i>LL</i> | 7C | 5,974,406 | 10/26/99 | Bisdikian et al. | | | |
| <i>LL</i> | 7D | 5,978,766 | 11/02/99 | Luciw | | | |
| <i>LL</i> | 7E | 5,978,796 | 11/02/99 | Malloy et al. | | | |
| <i>LL</i> | 7F | 5,983,184 | 11/09/99 | Noguchi | | | |
| <i>LL</i> | 7G | 5,991,365 | 11/23/99 | Pizano et al. | | | |
| <i>LL</i> | 7H | 5,995,945 | 11/30/99 | Notani et al. | | | |
| <i>LL</i> | 7I | 5,996,006 | 11/30/99 | Speicher | | | |
| <i>LL</i> | 7J | 5,999,526 | 12/07/99 | Garland et al. | | | |
| <i>LL</i> | 7K | 6,003,009 | 12/14/99 | Nishimura | | | |
| <i>LL</i> | 7L | 6,009,383 | 12/28/99 | Mony | | | |
| <i>LL</i> | 7M | 6,011,579 | 01/04/00 | Newlin | | | |
| <i>LL</i> | 7N | 6,012,066 | 01/04/00 | Discount et al. | | | |
| <i>LL</i> | 7O | 6,012,083 | 01/04/00 | Savitzky et al. | | | |
| <i>LL</i> | 7P | 6,014,427 | 01/11/00 | Hanson et al. | | | |
| <i>LL</i> | 7Q | 6,014,428 | 01/11/00 | Wolf | | | |
| <i>LL</i> | 7R | 6,014,429 | 01/11/00 | LaPorta et al. | | | |
| <i>LL</i> | 7S | 6,016,335 | 01/18/00 | Lacy et al. | | | |
| <i>LL</i> | 7T | 6,016,336 | 01/18/00 | Hanson | | | |
| <i>LL</i> | 7U | 6,016,478 | 01/18/00 | Zhang et al. | | | |
| <i>LL</i> | 7V | 6,018,710 | 01/25/00 | Wynblatt et al. | | | |
| <i>LL</i> | 7W | 6,021,181 | 02/01/00 | Miner et al. | | | |
| <i>LL</i> | 7X | 6,021,397 | 02/01/00 | Jones et al. | | | |
| <i>LL</i> | 7Y | 6,023,714 | 02/08/00 | Hill et al. | | | |

RECEIVED
NOV 26 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations YES NO |
|-----|--------------|------|---------|-------|----------|------------------------|
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|---|
| <i>LL</i> | 7Z | Computer Telephony, from www.telecomlibrary.com - 9/9/99 |
| <i>LL</i> | 7AA | "Traffic Station Extends Service to Six New Markets in North America, Reaching its Goal of 20 Markets by the New Millennium," <u>Business Editors/Multimedia & Transportation Writers</u> , Los Angeles, December 23, 1999. |
| <i>LL</i> | 7BB | Traffic Station Corporate Information, http://www.trafficstation.com/home/corporate.html , January 10, 2001. |
| <i>LL</i> | 7CC | Newswire, "Net Phones to Outsell Laptops by 2002", 02 December 1998, Dialog File #03635692. |

| | |
|---|-----------------------------|
| EXAMINER <i>Lee C. Harold</i> | DATE CONSIDERED 11/31/03 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

| | | |
|---|-----------------------------|--------------------|
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| | Applicant(s) | |
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| | Filing Date | Group Art Unit |
| | May 28, 1999 | 2176 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|----------|-------------------|-------|----------|----------------------------------|
| <i>MA</i> | 8A | 6,026,087 | 02/15/00 | Mirashrafi et al. | | | |
| <i>MA</i> | 8B | 6,031,836 | 02/29/00 | Haserodt | | | |
| <i>MA</i> | 8C | 6,038,561 | 03/14/00 | Snyder et al. | | | |
| <i>MA</i> | 8D | 6,047,327 | 04/04/00 | Tso et al. | | | |
| <i>MA</i> | 8E | 6,055,513 | 04/25/00 | Katz et al. | | | |
| <i>MA</i> | 8F | 6,064,980 | 05/16/00 | Jacobi et al. | | | |
| <i>MA</i> | 8G | 6,094,651 | 07/25/00 | Agrawal et al. | | | |
| <i>MA</i> | 8H | 6,094,655 | 07/25/00 | Rogers et al. | | | |
| <i>MA</i> | 8I | 6,101,241 | 08/08/00 | Boyce et al. | | | |
| <i>MA</i> | 8J | 6,101,443 | 08/08/00 | Kato et al. | | | |
| <i>MA</i> | 8K | 6,101,473 | 08/08/00 | Scott et al. | | | |
| <i>MA</i> | 8L | 6,115,693 | 09/05/00 | McDonough et al. | | | |
| <i>MA</i> | 8M | 6,119,095 | 09/12/00 | Morita | | | |
| <i>MA</i> | 8N | 6,134,563 | 10/17/00 | Clancey et al. | | | |
| <i>MA</i> | 8O | 6,151,582 | 11/21/00 | Huang et al. | | | |
| <i>MA</i> | 8P | 6,151,601 | 11/21/00 | Papierniak et al. | | | |
| <i>MA</i> | 8Q | 6,154,527 | 11/28/00 | Porter et al. | | | |
| <i>MA</i> | 8R | 6,154,766 | 11/28/00 | Yost et al. | | | |
| <i>MA</i> | 8S | 6,163,774 | 12/19/00 | Lore et al. | | | |
| <i>MA</i> | 8T | 6,167,379 | 12/26/00 | Dean et al. | | | |
| <i>MA</i> | 8U | 6,167,383 | 12/26/00 | Henson | | | |
| <i>MA</i> | 8V | 6,173,310 | 01/09/01 | Yost et al. | | | |
| <i>MA</i> | 8W | 6,181,935 | 01/30/01 | Gossman et al. | | | |

RECEIVED
NOV 26 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations YES NO |
|-----|--------------|------|---------|-------|----------|------------------------|
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|---|
| <i>MA</i> | 8X | RCR Radio Communications Report, "Comverse Developing Unified Applications for GSM Smartphone Marketplace", 23 February 1998, V. 17, No. 8, page 106, Dialog File #02078693. |
| <i>MA</i> | 8Y | America's Network, "Wireless Web Browsing: How Long Will Deployment Take? (There Will be 22 Mil Devices Other than PCs Accessing the Internet by 2000)", 15 December 1996, Vol. 100, No. 24, page 30+, Dialog File #01708089. |
| <i>MA</i> | 8Z | ADALI <i>et al.</i> , "Query Caching and Optimization in Distributed Mediator Systems", SIGMOD '96, 6/96, Montreal, Canada, pages 137-148. |
| <i>MA</i> | 8AA | ALUR <i>et al.</i> , "Directory-Driven Information Delivery", DataBase Associates Int'l, July 1996, printed from http://web.archive.org on 1/7/02, 12 pages. |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| <i>[Signature]</i> | 7/13/103 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

| | | |
|---|-----------------------------|--------------------|
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| | Lee C. HAROLD <i>et al.</i> | |
| | Filing Date | Group Art Unit |
| | May 28, 1999 | 2176 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|----------------|----------|--------------------|-------|----------|----------------------------------|
| <i>JS</i> | 9A | 6,182,052 | 01/30/01 | Fulton et al. | | | |
| <i>JS</i> | 9B | 6,182,053 | 01/30/01 | Rauber et al. | | | |
| <i>JS</i> | 9C | 6,182,153 | 01/30/01 | Hollberg et al. | | | |
| <i>JS</i> | 9D | 6,185,558 | 02/06/01 | Bowman et al. | | | |
| <i>JS</i> | 9E | 6,233,609 | 05/15/01 | Mittal | | | |
| <i>JS</i> | 9F | 6,236,977 | 05/22/01 | Verba et al. | | | |
| <i>JS</i> | 9G | 6,243,445 | 06/05/01 | Begeja et al. | | | |
| <i>JS</i> | 9H | 6,246,981 | 06/12/01 | Papineni et al. | | | |
| <i>JS</i> | 9I | 6,253,146 | 06/26/01 | Hanson et al. | | | |
| <i>JS</i> | 9J | 6,256,659 | 07/03/01 | McLain, Jr. et al. | | | |
| <i>JS</i> | 9K | 6,260,050 | 07/10/01 | Yost et al. | | | |
| <i>JS</i> | 9L | 6,263,051 | 07/17/01 | Saylor et al. | | | |
| <i>JS</i> | 9M | 6,269,393 | 07/31/01 | Yost et al. | | | |
| <i>JS</i> | 9N | 6,279,033 | 08/21/01 | Selvarajan et al. | | | |
| <i>JS</i> | 9O | 6,279,038 | 08/21/01 | Hogan et al. | | | |
| <i>JS</i> | 9P | 6,289,352 | 09/11/01 | Proctor | | | |
| <i>JS</i> | 9Q | 6,304,850 | 10/16/01 | Keller et al. | | | |
| <i>JS</i> | 9R | 6,314,402 | 11/06/01 | Monaco et al. | | | |
| <i>JS</i> | 9S | 6,314,533 | 11/06/01 | Novik et al. | | | |
| <i>JS</i> | 9T | 6,336,124 | 01/01/02 | Alam et al. | | | |
| <i>JS</i> | 9U | 6,385,583 | 05/07/02 | Ladd et al. | | | |
| <i>JS</i> | 9V | US2002/0065752 | 05/30/02 | Lewis | | | |
| <i>JS</i> | 9W | 6,404,858 | 06/11/02 | Farris et al. | | | |

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Technology Center 2100

FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations | |
|-----|--------------|------|---------|-------|----------|--------------|----|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|--|
| <i>JS</i> | 9X | CHAWATHE <i>et al.</i> , "Representing and Querying Changes in Semistructured Data", Proceedings of the 14 th International Conference on Data Engineering, IEEE, February 23-27, 1998, pages 4-13. |
| <i>JS</i> | 9Y | CODD <i>et al.</i> , "Providing OLAP (On-line Analytical Processing) to User-Analysts; an IT Mandate", San Jose, California, Codd and Date, 1993, 1 page. |
| <i>JS</i> | 9Z | FLOHR, "Using Web-Based Applications to Perform On-Line Analytical Processing Builds on the Strengths of Both Technologies", <u>OLAP by Web</u> , September 1997, 8 pages. |
| <i>JS</i> | 9AA | GESMANN <i>et al.</i> , "A Remote Cooperation System Supporting Interoperability in Heterogeneous Environments", Proceedings of the Third International Workshop on Research Issued in Data Engineering, IEEE, April 19-20, 1993, pages 152-160. |
| <i>JS</i> | 9BB | HACKATHORN, "Solutions to Overworked Networks and Unruly Software Distribution are Just Part of P&S.", <u>Publish or Perish</u> , September 1997, 21 pages. |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| <i>JS</i> | 7/31/03 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

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| | May 28, 1999 | 2176 |

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















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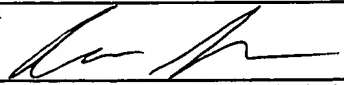
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| U.S. PATENT DOCUMENTS | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
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| | | |
|---|-----|--|
|  | 10A | LISCANO <i>et al.</i> , "Integrating Multi-Modal Messages across Heterogeneous Networks", IEEE, 1997, pages 45-53, Abstract. |
|  | 10B | LIU <i>et al.</i> , "Differential Evaluation of Continual Queries", Proceedings of the 16 th International Conference on Distributed Computing Systems, IEEE, May 27-30, 1996, pages 458-465. |
|  | 10C | NEWING, "Relational Databases Are Not Suitable for Management Information Systems: And That's Official!", Management Accounting, London, Volume 72, No. 8, September 1994, 4 pages. |
|  | 10D | RADEN, "Teraforming the Data Warehouse", Archer Decision Sciences, printed from http://www.archer-decision.com on 1/16/02, 13 pages. |
|  | 10E | SCHREIER <i>et al.</i> , Alert: An Architecture for Transforming a Passive DBMS into an Active DBMS", Proceedings of the 17 th International Conference on Very Large Data Bases, September 3-6, 1991, pages 469-478. |
|  | 10F | SCHULTZ, "ADEPT - The Advanced Database Environment for Planning and Tracking", Bell Labs Technical Journal, July-September 1998, pages 3-9. |
|  | 10G | SPOFFORD, "Attack of the Killer APIs", Intelligent Enterprise's Database Online Programming and Design, printed from http://www.dbpd.com on 12/21/01, 10 pages. |
|  | 10H | STONEBRAKER <i>et al.</i> , "On Rules, Procedures, Caching and Views in Data Base Systems", Proceedings of the 1990 ACM SIGMOD International Conference on Management of Data, May 23-25, 1990, pages 281-290. |
|  | 10I | TERRY <i>et al.</i> , "Continuous Queries over Append-Only Databases", Proceedings of the 1992 ACM SIGMOD International Conference on Management of Data, June 2-5, 1992, pages 321-330. |
|  | 10J | Search Results from Internet Archive Wayback Machine, searched for http://www.infoadvan.com , printed from http://web.archive.org on 12/19/01, 40 pages. |
|  | 10K | Search Results from Internet Archive Wayback Machine, searched for http://www.platinum.com , printed from http://web.archive.org on 12/21/01, 17 pages. |
|  | 10L | ROLAP Case Studies, 30 pages. |
|  | 10M | "Fast and Flexible Access to Databases", Byte, August 1997, pages 53-54. |
|  | 10N | "Distributed Application Development with PowerBuilder 6.0", Manning Publications Co., printed from http://www.manning.com on 1/15/02, 12 pages. |
|  | 10O | "PowerBuilder 6.0 Questions & Answers", Manning Publications Co., printed from http://www.manning.com on 1/15/02, 13 pages. |
|  | 10P | "PowerBuilder 6.0 Questions & Answers", Manning Publications Co., printed from http://www.manning.com on 1/17/02, 2 pages. |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
|  | 7/31/03 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

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| May 28, 1999 | | 2176 | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | APPROPRIATE |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations YES NO |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>AK</i> | 11A | CHESHIRE, "Product News – A Sea of Opportunity", Intelligent Enterprise's Database Online Programming and Design, printed from http://www.dbpd.com on 1/17/02, 6 pages. | | | | | |
| <i>AK</i> | 11B | "Information Advantage – Business Intelligence", "Live Information Repository...", printed from http://www.infoadvan.com , on 12/19/01, 5 pages. | | | | | |
| <i>AK</i> | 11C | "Objective Data Inc. – Computer Software Consultants", Client List, printed from http://objectivedata.com/clients.htm on 1/15/02, 5 pages. | | | | | |
| <i>AK</i> | 11D | "Online Analytical Processing", printed from http://searchdatabase.techtarget.com on 1/18/02, 3 pages. | | | | | |
| <i>AK</i> | 11E | "Seagate Crystal Reports 8", printed from http://www.crystaluser.com on 12/28/01, 6 pages. | | | | | |
| <i>AK</i> | 11F | "Andyne Delivers Personal OLAP with PaBLO 4.0", Press Release, March 31, 1997, Andyne Computing Limited, 5 pages. | | | | | |
| <i>AK</i> | 11G | "Andyne Announces Support for Microsoft's OLE DB for OLAP", Press Release, September 10, 1997, Andyne Computing Limited, 4 pages. | | | | | |
| <i>AK</i> | 11H | "Andyne QMO – Manage Data Access", Andyne Computing, printed from http://web.archive.org on 1/3/02, 5 pages. | | | | | |
| <i>AK</i> | 11I | "The Andyne Vision - On the Road to the Integrated Solution", Andyne Computing, printed from http://web.archive.org on 1/3/02, 11 pages. | | | | | |
| <i>AK</i> | 11J | "Visual Information Access for Multidimensional Companies...", Andyne Corporate Profile, 2 pages. | | | | | |
| <i>AK</i> | 11K | "MicroStrategy Announces DSS Web 5.0; DSS Web Introduces the Web-Cast of Decision Support", MicroStrategy, January 5, 1998, printed 12/10/01, 2 pages. | | | | | |
| <i>AK</i> | 11L | "MicroStrategy Introduces DSS Web Standard Edition; Web Interface Provides powerful, Easy-to-Use DSS Tool for Mainstream End-User Market", MicroStrategy, April 27, 1998, printed 12/10/01, 2 pages. | | | | | |
| <i>AK</i> | 11M | "MicroStrategy Advantages: Proven Multi-Tier Architecture", printed from http://web.archive.org , 4 pages. | | | | | |
| <i>AK</i> | 11N | "MicroStrategy 'Consumerizes' the Data Warehouse with Its New 4.0 Product Line", Press Release, June 24, 1996, MicroStrategy, printed from http://web.archive.org on 12/8/01, 7 pages. | | | | | |
| <i>AK</i> | 11O | "MicroStrategy Announces DSS Server 3.0", Press Release, August 8, 1995, MicroStrategy, printed from http://web.archive.org on 12/8/01, 5 pages. | | | | | |
| <i>AK</i> | 11P | "MicroStrategy Announces True Relational OLAP Product Line", Press Release, August 8, 1995, MicroStrategy, printed from http://web.archive.org on 12/8/01, 5 pages. | | | | | |
| <i>AK</i> | 11Q | "DSS Administrator Features Overview", MicroStrategy, No. 05090297, 2 pages. | | | | | |

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| EXAMINER <i>Robert [Signature]</i> | DATE CONSIDERED <i>7/31/03</i> |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

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| INFORMATION DISCLOSURE CITATION IN AN APPLICATION Form PTO-1449 | Docket Number | Application Number |
| | 23453-003 | 09/321,738 |
| | Applicant(s) | |
| | Lee C. HAROLD <i>et al.</i> | |
| | Filing Date | Group Art Unit |
| | May 28, 1999 | 2176 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|------|------|-------|----------|----------------------------------|
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FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations YES NO |
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| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|-----|---|
| <i>ll</i> | 12A | "DSS Agent Features Overview", MicroStrategy, No. 05100896, 2 pages. |
| <i>ll</i> | 12B | "DSS Server Features Overview", MicroStrategy, No. 05140896, 2 pages. |
| <i>ll</i> | 12C | "Relational OLAP Interface", DSS Agent, MicroStrategy, 22 pages and 20 pages. |
| <i>ll</i> | 12D | "Relational OLAP Interface for the Web", MicroStrategy DSS Web Brochure, 4 pages. |
| <i>ll</i> | 12E | "Data Warehouse and DSS Management Tools", DSS Administrator, MicroStrategy, 17 pages and 16 pages. |
| <i>ll</i> | 12F | "OLE API for Custom Application Development", DSS Objects, MicroStrategy, 4 pages and 4 pages. |
| <i>ll</i> | 12G | "Arbor Software OLAP Products", Brochure, Arbor Software, 12 pages. |
| <i>ll</i> | 12H | "InfoTrac OneFile", Database Programming & Design, Volume 11, No. 7, July 1998, 12 pages. |
| <i>ll</i> | 12I | "Andyne GQL Version 3.3.2 Available July 17 th "; Featuring Multi-Pass Reporting, Time Governors and Scripting", Business Wire, June 26, 1995, Andyne Computing Limited, 4 pages. |
| <i>ll</i> | 12J | "MicroStrategy Announces DSS Server 3.0; Three-Tier Architecture Results in Exceptional Performance and Scalability for DSS Applications", Business Wire, August 8, 1995, MicroStrategy, 3 pages. |
| <i>ll</i> | 12K | "Information Advantage Ships DecisionSuite 3.0 Business Analysis Applications for Data Warehouses", Business Wire, November 9, 1995, 3 pages. |
| <i>ll</i> | 12L | "Information Advantage Announces WebOLAP; First Structured Content analysis Server for the World Wide Web", Business Wire, February 5, 1996, 3 pages. |
| <i>ll</i> | 12M | "Andyne Delivers Second Stage of the Andyne Integrated Solution", Canada NewsWire, May 13, 1996, 3 pages. |
| <i>ll</i> | 12N | "Andyne Computing Ltd is Shipping Version 3.3.2 of Its GQL Decision Support System", CommunicationsWeek, No. 566, July 17, 1995, page 16. |
| <i>ll</i> | 12O | "Andyne Computing Introduces New Query Management Option as Companion Product to Andyne's GQL Product", CommunicationsWeek, No. 592, January 15, 1996, page 16. |
| <i>ll</i> | 12P | "Andyne Hopes to Benefit from Current Data Warehousing Hype with GQL Query Language", Computergram International, No. 2798, November 22, 1995, 1 page. |
| <i>ll</i> | 12Q | "Andyne's GQL Makes It Easier - New Version of Reporting, Analysis Tool Unveiled", Computer Reseller News, No. 685, 1996, page 79. |
| <i>ll</i> | 12R | "The Right Tools", Computer Weekly, August 29, 1996, 4 pages. |
| <i>ll</i> | 12S | "4 OLAP Tools; The Common Thread is that OLAP Tools Drain Too Much Time and Energy Before You Get What You Need", Computerworld, December 2, 1996, 4 pages/ |
| <i>ll</i> | 12T | "GQL", Data Management Review (DM Review), Volume 6, No. 5, May 1996, page 47. |

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|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| <i>ll</i> | 7/31/03 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

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| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | | | NAME | CLASS |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | REF | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translations YES NO |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| 13A | | "DB2 Today Newsletter", June 1999, 2 pages. | | | | | |
| 13B | | "GQL 3.2", DBMS, Volume 8, No. 1, January 1995, 2 pages. | | | | | |
| 13C | | "Everything's Coming Up Warehouse", DBMS, October 1, 1995, 3 pages. | | | | | |
| 13D | | "Query, Reporting, and Analysis Tools", DBMS, Volume 9, No. 6, June 15, 1996, 14 pages. | | | | | |
| 13E | | BROOKS, "MCI Leverages Data Warehouse Technology to Strengthen its Marketing Campaigns", DBMS, December 1996, 7 pages. | | | | | |
| 13F | | DOBSON, "Data Binding in Dynamic HTML", DBMS, March 1998, 12 pages. | | | | | |
| 13G | | DODD, "Native is as Native Does", HP Professional, Volume 12, No. 12, February 1998, 1 page. | | | | | |
| 13H | | "Banking's New Payoff: Speed", InformationWeek, January 17, 1994, 3 pages. | | | | | |
| 13I | | "Nailing Down More Query Tools", InformationWeek, Volume 523, April 17, 1995, 7 pages. | | | | | |
| 13J | | RADEN, "Data, Data Everywhere", InformationWeek, October 30, 1995, pages 60-65. | | | | | |
| 13K | | "Back-to-Back Upgrades - Vendors Introduce Reporting, Query Tools", InformationWeek, No. 598, September 23, 1996, 1 page. | | | | | |
| 13L | | "Desktop OLAP Tools - If the Tool Fits, Use It - Online Analytical Processing Tools Offer Ease of Use for Data Retrieval and Analysis with Minimal User Training", InformationWeek, No. 605, November 11, 1996, 3 pages. | | | | | |
| 13M | | "Pilot Gets Serious About OLAP", InformationWeek, July 20, 1998, pages 55-59. | | | | | |
| 13N | | "Oracle Announces Next Generation Oracle Express Server 6.0", M2 Presswire, August 7, 1996, 5 pages. | | | | | |
| 13O | | "Andyne Updates GQL", Newsbytes, July 12, 1994, 1 page. | | | | | |
| 13P | | "Andyne Computing Has Released Version 3.2.2 of Its GQL Query Software for Macintosh, Windows and Unix Platforms", Newsbytes News Network, July 12, 1994, 4 pages. | | | | | |
| 13Q | | "Data Access is Key to Warehousing Success", Open Systems Today, October 3, 1994, 2 pages. | | | | | |
| 13R | | PHILLIPS, "Crystal Eyes OLAP Engine", PC Week, Volume 13, No. 4, January 29, 1996, 3 pages. | | | | | |
| 13S | | DYCK, "New Report Writer Spruces Up GQL", PC Week, Volume 14, No. 3, January 20, 1997, 1 page. | | | | | |
| 13T | | "New Decision Suite 3.0 From Information Advantage Raises the Bar for Enterprise Decision Support", Newswire, August 8, 1995, 3 pages. | | | | | |
| 13U | | "Andyne's Intranet Strategy Brings DSS to the Web; Company Aims to Dramatically Broaden Scope of Reporting, Online Analysis", PR Newswire, September 18, 1996, 11 pages. | | | | | |
| 13V | | "NCR Adds OLAP Services to Extend and Expand Decision Support Capabilities of Teradata Database", PR Newswire, May 28, 1998, 3 pages. | | | | | |

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| EXAMINER | DATE CONSIDERED |
| <i>Adrian</i> | 7/13/03 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | |

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